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NATIONAL SOUTHWIRE ALUMINUM CO NPL Site**

10092338

**1.0 PRE-REMEDIAL****1.8 Preliminary Assessment Documents**

- 12040 1 "Preliminary Assessment Report; National Southwire Aluminum Company Site; Hancock County," Kentucky Natural Resources and Environmental Protection Cabinet. A portion of this document is kept confidential and is available for judicial review only. (February 1986)

1.9 Site Inspection Documents

- 12042 1 "Site Investigation Report; National Southwire Aluminum Company, Inc.; Hancock County, Kentucky," Kentucky Natural Resources and Environmental Protection Cabinet. (June 1986) Concerning investigation performed on May 12, 1986. A portion of this document is kept confidential and is available for judicial review only.
- 12043 2 "Interim Final Listing Site Inspection Report; National Southwire Aluminum; Hawesville, Hancock County, Kentucky; EPA ID No.: KYD049062375," NUS Corporation. (April 17, 1991)
- 12044 3 "National Southwire Aluminum; Appendix B; Analytical Results," NUS Corporation. (April 17, 1991) Concerning analyticals for the Interim Final Listing Site Inspection Report.

2.0 REMOVAL RESPONSE**2.1 Correspondence**

- 12045 1 Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (July 15, 1994) Concerning possible closure of the Old South Pond.

2.2 Sampling and Analysis Data

- 12047 1 Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (July 18, 1994) Notification of Sampling; South [Slurry] Pond.
- 12049 2 Letter from Brent M. Zern, Roy F. Weston, to Doug Bell, EPA Region IV. (August 12, 1994) Transmitting "Field Sampling Oversight Report, South Slurry Pond, National Southwire Aluminum Company Site," reporting on August 4, 1994 sampling activity.
- 12050 3 "Sampling and Analysis Plan for the South Slurry Pond," prepared by Dames & Moore. (August 19, 1994)
- 12057 4 Cross Reference: Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (September 02, 1994) Monthly Progress Report No. 23, covering August 1994. Includes Summary of Inorganic Analytical Results for Slurry Samples, South Slurry Pond, Preliminary Data, and Summary of Organic Analytical Results for Slurry Samples, South Slurry Pond, Preliminary Data. [Filed and cited in Entry Number 19 of 3.4 REMEDIAL INVESTIGATION (RI) - Work Plans and Progress Reports]

2.3 Scopes of Work

- 12075 1 "Statement of Work for a Non-Time-Critical Removal by Means of an Administrative Order by Consent, Appendix One, Statement of Work for the Closure of the Old South Slurry Pond, at the National Southwire Aluminum (NSA) Superfund Site, EPA ID No. KYD049062375, Hawesville, Hancock County, Kentucky." (September 19, 1995)

2.4 Work Plans and Progress Reports

- 12077 1 Letter from Doug Bell, EPA Region IV, to Eric Liebenauer, Commonwealth of Kentucky. (September 21, 1994) Requesting review of the Draft Closure Design for the Old South Slurry Pond.

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2.0 REMOVAL RESPONSE**2.4 Work Plans and Progress Reports**

- 12079 2 Letter from Rick Hogan, Commonwealth of Kentucky, to Doug Bell, EPA Region IV. (September 26, 1994) Commenting on the Draft Closure Design for the Old South Slurry Pond.

2.8 Removal Response Reports

- 12080 1 "Engineering Evaluation/Cost Analysis for the National Southwire Aluminum Company Site, Hawesville, Kentucky," prepared by U.S. Environmental Protection Agency Region IV. (February 1995)
- 12082 2 "U.S. EPA Issues Proposed Plan for Disposal Pond Closure, National Southwire Aluminum Site, Hawesville, Hancock County, Kentucky," prepared by U.S. EPA Region IV. (February 1995)
- 12085 3 Cross Reference: "Responsiveness Summary [for the Proposed Plan] for the Closure of the Old South Slurry Pond at the National Southwire Aluminum Company Site, Hawesville, Hancock County Kentucky," prepared by U.S. EPA Region IV. Can be found in "Action Memorandum for the National Southwire Aluminum Company Site, Hawesville, Kentucky," as Attachment 2. (June 1995) [Filed and cited in 2.9, REMOVAL RESPONSE - Action Memoranda].
- 12117 4 Cross Reference: Letter from Rick Hogan, Kentucky Natural Resources and Environmental Protection Cabinet, to Tony DeAngelo, EPA Region IV. Concurs with Closure Plan for Old South Pond. Can be found in "Action Memorandum for the National Southwire Aluminum Company Site, Hawesville, Kentucky," as Attachment 4. (June 26, 1995) [Filed and cited in 2.9, REMOVAL RESPONSE - Action Memoranda].

2.9 Action Memoranda

- 12120 1 "Action Memorandum for the National Southwire Aluminum Company Site, Hawesville, Kentucky," prepared by U.S. EPA Region IV." Action Memo requesting Non-Time-Critical Removal Action for the Closure of the Old South Slurry Pond. (June 1995)

3.0 REMEDIAL INVESTIGATION (RI)**3.1 Correspondence**

- 12125 1 Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (October 07, 1992) Transmitting the final approved AOC and SOW for the RI/FS.
- 12128 2 Letter from Win Hill, NSA, to Douglas Bell, EPA Region IV. (October 08, 1992) Concerning selection of supervising contractor and setting of deliverable due dates.
- 12130 3 Letter from Douglas Bell, EPA Region IV, to Win Hill, NSA. (October 13, 1992) Concerning approval of supervising contractor for Remedial Investigation/Feasibility Study (RI/FS).
- 12132 4 Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (September 27, 1993) Concerning start of work on RI/FS.
- 12134 5 Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (July 12, 1994) Concerning Remedial Investigation Schedule.
- 12138 6 Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (July 22, 1994) Concerning Remedial Investigation Schedule.
- 10092339 7 Letter from Eric Liebenauer, Commonwealth of Kentucky, Natural Resources and Environmental Protection Cabinet to Antonio M. DeAngelo, EPA Region IV. Regarding review of the Remedial Investigation Report. (June 30, 1997)

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3.0 REMEDIAL INVESTIGATION (RI)**3.2 Sampling and Analysis Data**

- 12141* 1 . Cross Reference: "Comments on Draft Work Plan, Draft Sampling and Analysis Plan, and Draft Health and Safety Plan, National Southwire Aluminum Company Site, Hawesville, Hancock County, Kentucky," prepared by Doug Bell, for U.S. EPA Region IV. (February 22, 1993) [Filed and cited in Entry Number 1 of 3.4 REMEDIAL INVESTIGATION (RI) - Work Plans and Progress Reports]
- 12142* 2 . "Addendum to Sampling and Analysis Plan," prepared by Dames & Moore. (August 09, 1993)
- 12144* 3 . Facsimile from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (October 28, 1993) Concerning field reconnaissance on 10/28/93 regarding sampling locations.
- 12145* 4 . Cross Reference: Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (November 02, 1993) Monthly Progress Report No. 13, covers October 1993. Includes ground water sampling results, samples collected 10/19/93. [Filed and cited in Entry Number 8 of 3.4 REMEDIAL INVESTIGATION (RI) - Work Plans and Progress Reports]
- 12150* 5 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (November 10, 1993) Requesting Modification to Sampling and Analysis Plan and Workplan. Concerns disposal of ground water generated during the field investigation.
- 12151* 6 . Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (November 17, 1993) Concerning Monitoring Well Completion Water Disposal.
- 12153* 7 . Facsimile from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (November 29, 1993) Concerning bedrock well 202R. Attached Fax is dated 11/23/93.
- 12155* 8 . Letter from Elizabeth Sanford, Roy F. Weston, Inc., to Doug Bell, EPA Region IV. (November 30, 1993) Concerning oversight of drilling activities conducted from November 3 to 13, 1993.
- 12157* 9 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (December 01, 1993) Requesting Modification of Sampling and Analysis Plan and Workplan. Proposes plugging and abandonment bedrock borings.
- 12158* 10 . Cross Reference: Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (December 05, 1993) Monthly Progress Report No. 14, covering November 1993. Includes ground water sampling results, samples collected in November 1993. [Filed and cited in Entry Number 9 of 3.4 REMEDIAL INVESTIGATION (RI) - Work Plans and Progress Reports]
- 12159* 11 . Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (December 06, 1993) Concerning Request for Modification to Sampling and Analysis Plan and Workplan.
- 12161* 12 . Letter from Kevin C. Caravati, Roy F. Weston, Inc., to Doug Bell, EPA Region IV. (February 09, 1994) Concerning Spike and Blank Samples for sampling activities.

3.4 Work Plans and Progress Reports

- 12170* 1 . "Comments on Draft Work Plan, Draft Sampling and Analysis Plan, and Draft Health and Safety Plan, National Southwire Aluminum Company Site, Hawesville, Hancock County, Kentucky," prepared by Doug Bell, for U.S. EPA Region IV. (February 22, 1993)
- 12171* 2 . "Response to EPA Comments on Revised Work Plan Draft, NSA A Division of Southwire Company Site, Hawesville, Hancock County, Kentucky. (August 09, 1993)
- 12173* 3 . Letter from Doug Bell, EPA Region IV, to Eric Liebenauer, Commonwealth of Kentucky. (August 16, 1993) Requesting comment on the Revised Work Plan (RI/FS).
- 12174* 4 . "RI/FS Work Plan, Volume I of II," prepared by Dames & Moore for NSA. (September 1993)

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3.0 REMEDIAL INVESTIGATION (RI)**3.4 Work Plans and Progress Reports**

- 12175* 5 . "RI/FS Work Plan, Volume II of II, Work Plan Appendices" prepared by Dames & Moore for NSA. (September 1993)
- 12176* 6 . Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (September 23, 1993) Approves revised Draft Final Work Plan (third revision) for the RI/FS.
- 12179* 7 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (October 04, 1993) Monthly Progress Report No. 12, covers September 1993..
- 12180* 8 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (November 02, 1993) Monthly Progress Report No. 13, covers October 1993. Includes ground water sampling results, samples collected 10/19/93.
- 12181* 9 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (December 05, 1993) Monthly Progress Report No. 14, covering November 1993. Includes ground water sampling results, samples collected in November 1993.
- 12182* 10 . Letter from Albert G. Westerman, Commonwealth of Kentucky, to Doug Bell, EPA Region IV. (December 14, 1993) Commenting on the RI/FS Workplan.
- 12184* 11 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (January 04, 1994) Monthly Progress Report No. 15, Covering December 1993.
- 12185* 12 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (February 04, 1994) Request for Modification to Workplan Schedule.
- 12188* 13 . Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (March 02, 1994) Concerning six week extension Request for Modification to Workplan Schedule..
- 12196* 14 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (March 03, 1994) Monthly Progress Report No. 17, covering February 1994.
- 12200* 15 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (April 04, 1994) Monthly Progress Report No. 18, covering March 1994. Includes Data Summary Package from IEA, Inc.
- 12201* 16 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (July 05, 1994) Monthly Progress Report No. 20, covering June 1994.
- 12203* 17 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (August 05, 1994) Monthly Progress Report No. 22, covering July 1994.
- 12207* 18 . Letter from Rick Hogan, Commonwealth of Kentucky, to Doug Bell, EPA Region IV. (September 01, 1994) Transmitting comments on the 8/15/94 Draft Addendum to the RI/FS Workplan. Includes memorandum from Albert G. Westerman to Eric Liebenauer dated 7/29/94.
- 12209* 19 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (September 02, 1994) Monthly Progress Report No. 23, covering August 1994. Includes Summary of Inorganic Analytical Results for Slurry Samples, South Slurry Pond, Preliminary Data, and Summary of Organic Analytical Results for Slurry Samples, South Slurry Pond, Preliminary Data.
- 12210* 20 . Letter from Doug Bell, EPA Region IV, to Monica Usrey, Roy F. Weston, Inc. (September 16, 1994) Commenting on the Revised Draft Work Plan for the Baseline Risk Assessment.
- 12211* 21 . Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (September 21, 1994) Transmitting EPA comments on the Draft Addendum to the RI/FS Work Plan.

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3.0 REMEDIAL INVESTIGATION (RI)**3.4 Work Plans and Progress Reports**

- 12249* 22 . "Baseline Risk Assessment Work Plan, Revision 2, National Southwire Aluminum Company, Hawesville, Kentucky, September 1994," prepared for U.S. EPA Region IV by Roy F. Weston, Inc. (September 22, 1994) NOTE: PORTIONS OF THIS DOCUMENT ARE CONFIDENTIAL, AND ARE AVAILABLE FOR JUDICIAL REVIEW ONLY.
- 12252* 23 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (October 05, 1994) Monthly Progress Report No. 24, Covering September 1994.
- 12254* 24 . "Revised Draft, Addendum to the RI/FS Workplan," prepared by Dames & Moore. (October 21, 1994)
- 12257* 25 . Letter from Rick Hogan, Commonwealth of Kentucky, to Doug Bell, EPA Region IV. (October 27, 1994) Commenting on Revised Draft Addendum to the RI/FS Workplan dated 10/21/94.
- 12259* 26 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (December 05, 1994) Monthly Progress Report No. 26, Covering November 1994.

3.8 Interim Deliverables

- 12262* 1 . Cross Reference: "Comments on Draft Work Plan, Draft Sampling and Analysis Plan, and Draft Health and Safety Plan, National Southwire Aluminum Company Site, Hawesville, Hancock County, Kentucky," prepared by Doug Bell, for U.S. EPA Region IV. (February 22, 1993) [Filed and cited in Entry Number 1 in 3.4 REMEDIAL INVESTIGATION (RI) - Work Plans and Progress Reports].
- 12264* 2 . The "Health and Safety Plan, Remedial Investigation/Feasibility Study, NSA A Division of Southwire Company, Hawesville, Kentucky," prepared by Dames & Moore. (February 22, 1993)
- 12266* 3 . Site Health and Safety Plan, prepared by Elizabeth Sanford, Roy F. Weston, Inc. (May 28, 1993) This is the Health and Safety Plan for RI/FS oversight field activities.
- 12268* 4 . "Amendment Health and Safety Plan, Remedial Investigation," prepared by Dames & Moore. (August 1993)
- 12269* 5 . Letter from Doug Bell, EPA Region IV, to Elmer Akin, U.S. EPA Risk Assessment Section. (April 18, 1994) Requesting review of Draft RI/FS Site Characterization Summary.
- 12272* 6 . Letter from Doug Bell, EPA Region IV, to Lee Barclay, Fish & Wildlife Service. (April 18, 1994) Requesting review of Draft RI/FS Site Characterization Summary.
- 12273* 7 . Letter from Doug Bell, EPA Region IV, to Carl Blair, ATSDR. (April 18, 1994) Requesting review of Draft RI/FS Site Characterization Summary.
- 12275* 8 . Letter from Doug Bell, EPA Region IV, to Bill Bokey, Environmental Services Division (EPA). (April 18, 1994) Requesting review of Draft RI/FS Site Characterization Summary.
- 12276* 9 . Letter from Doug Bell, EPA Region IV, to Kevin Caravati, Roy F. Weston, Inc. (April 18, 1994) Requesting review of Draft RI/FS Site Characterization Summary.
- 12277* 10 . Letter from Doug Bell, EPA Region IV, to David Hill, U.S. EPA Groundwater Technology Support Unit. (April 18, 1994) Requesting review of Draft RI/FS Site Characterization Summary.
- 12279* 11 . Letter from Doug Bell, EPA Region IV, to Jim Lee, U.S. Fish and Wildlife Service. (April 18, 1994) Requesting review of Draft RI/FS Site Characterization Summary.
- 12280* 12 . Letter from Doug Bell, EPA Region IV, to Mr. Eric Liebenauer, Commonwealth of Kentucky. (April 18, 1994) Requesting review of Draft RI/FS Site Characterization Summary.

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3.0 REMEDIAL INVESTIGATION (RI)**3.10 Remedial Investigation (RI) Reports**

- 12282* 1 Letter from Doug Bell, EPA Region IV, to Elmer Akin, U.S. EPA Risk Assessment Section. (May 05, 1994) Requesting review of Draft Remedial Investigation Report.
- 12283* 2 Letter from Doug Bell, EPA Region IV, to Lee Barclay, Fish & Wildlife Service. (May 05, 1994) Requesting review of Draft Remedial Investigation Report.
- 12284* 3 Letter from Doug Bell, EPA Region IV, to Carl Blair, ATSDR. (May 05, 1994) Requesting review of Draft Remedial Investigation Report.
- 12285* 4 Letter from Doug Bell, EPA Region IV, to Bill Bokey, Environmental Services Division (EPA). (May 05, 1994) Requesting review of Draft Remedial Investigation Report.
- 12286* 5 Letter from Doug Bell, EPA Region IV, to Kevin Caravati, Roy F. Weston, Inc. (May 05, 1994) Requesting review of Draft Remedial Investigation Report.
- 12288* 6 Letter from Doug Bell, EPA Region IV, to David Hill, U.S. EPA Groundwater Technology Support Unit. (May 05, 1994) Requesting review of Draft Remedial Investigation Report.
- 12289* 7 Letter from Doug Bell, EPA Region IV, to Jim Lee, U.S. Fish and Wildlife Service. (May 05, 1994) Requesting review of Draft Remedial Investigation Report.
- 12290* 8 Letter from Doug Bell, EPA Region IV, to Mr. Eric Liebenauer, Commonwealth of Kentucky. (May 05, 1994) Requesting review of Draft Remedial Investigation Report.
- 12292* 9 Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (June 28, 1994) Transmitting EPA comments on the Draft Remedial Investigation Report.
- 12294* 10 Letter from Monica J. Usrey, Roy F. Weston, Inc., to Doug Bell, EPA Region IV. (July 05, 1994) Commenting on the Draft Remedial Investigation Report.
- 12295* 11 Memorandum from Glenn Adams, EPA Region IV, to Doug Bell, EPA Region IV. (July 14, 1994) Submitting Risk Review comments on the draft Remedial Investigation Report.
- 12296* 12 Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (July 15, 1994) Transmitting additional EPA comments on the draft Remedial Investigation Report.
- 12298* 13 Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (August 31, 1994) Transmitting comments on Dames & Moore's Response to Comments for the Draft Remedial Investigation/Feasibility Study Report.

3.11 Health Assessments

- 12300* 1 Memorandum from Douglas Bell, EPA Region IV, to Carl Blair, Agency for Toxic Substances and Disease Registry (ATSDR). (September 10, 1992) Concerning comments to the initial Public Health Assessment released July 23, 1992.
- 12301* 2 Letter from Max Howie, Jr., ATSDR, to Nestor Young, EPA Region IV. (May 10, 1994) Transmitting Preliminary Public Health Assessment.
- 12302* 3 The "Preliminary Public Health Assessment for National Southwire Aluminum Company, Hawesville, Hancock County, Kentucky, CERCLIS No. KYD049062375," prepared by ATSDR. (May 10, 1994)

4.0 FEASIBILITY STUDY (FS)**4.10 Proposed Plans for Selected Remedial Action**

- 61133* 1 "Proposed Plan Fact Sheet for the Final Record of Decision, National Southwire Aluminum Site, Hawesville, Hancock County, Kentucky," EPA Region 4. (July 19, 1999)

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5.0 RECORD OF DECISION (ROD)**5.1 Correspondence**

- 10092340 1 Letter from Eric Liebenauer, Commonwealth of Kentucky, Natural Resources and Environmental Protection Cabinet to Tony DeAngelo, EPA Region IV. Providing preliminary comments to the Draft Record of Decision. (September 24, 1999)
- 10092341 2 Memorandum from Linda S. George, Integrated Labs Systems (ILS) to Tony DeAngelo, EPA Region IV. Submitting ecological risk review comments. (June 26, 2000)
- 10092342 3 Letter from Antonio M. DeAngelo, EPA Region IV to Eric Liebenauer, Commonwealth of Kentucky, Natural Resources and Environmental Protection Cabinet. Submitting EPA's responses to the eleven comments/conditions in the Cabinet's March 29, 2000 conditional concurrence letter. (July 06, 2000)
- 100923434 Letter from Antonio M. DeAngelo, EPA Region IV to Win Hill, Southwire Company. Submitting clarification of specific part of FROD selected remedy. (May 28, 2002)

5.2 Responsiveness Summaries

- 61135 1 Cross-Reference: "Responsiveness Summary," EPA Region IV (see page 142 (5.9 345) of the Record of Decision). (July 06, 2000) [Filed and cited as page 142 of entry No. 6 of 5.9, RECORD OF DECISION (ROD) - Record of Decision (ROD)].

5.9 Record of Decision (ROD)

- 12304 1 Letter from Doug Bell, EPA Region IV, to Eric Liebenauer, Commonwealth of Kentucky. (January 11, 1993) Requesting review of the Draft ROD for the Proposed Interim Remedial Action.
- 12305 2 Letter from Caroline P. Haight, Commonwealth of Kentucky, to Doug Bell, EPA Region IV. (February 02, 1993) Kentucky Division of Waste Management's official approval of the Interim Action ROD.
- 12306 3 "National Southwire Aluminum Company Superfund Site: Record of Decision," EPA Region IV. (February 19, 1993) Concerning Record of Decision (ROD) for the Interim Remedial Measures (IRM).
- 12307 4 "U.S. Environmental Protection Agency, Explanation of Significant Differences, National Southwire Aluminum Company Superfund Site, Hawesville, Kentucky. (July 1994)
- 12309 5 Letter from Doug Bell, EPA Region IV, to recipient(s). (July 26, 1994) Transmitting ESD Fact Sheet dated July 1994.
- 61136 6 "Final Record of Decision, National Southwire Aluminum, Hawesville, Hancock County, Kentucky," EPA Region IV. (July 06, 2000)

6.0 REMEDIAL DESIGN (RD)**6.1 Correspondence**

- 12310 1 Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (July 21, 1993) Request for information on the Interim Action Treatment Plan (RD/RA) Proposed Performance Specification.
- 12333 2 Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (July 21, 1993) Request for information on the Interim Action Treatment Plant Waste Streams.
- 12335 3 Letter from Doug Bell, EPA Region IV, to Eric Liebenauer, Commonwealth of Kentucky. (April 14, 1994) Concerning initiation of Accelerated Remedial Design Pilot Project at NSA.

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6.0 REMEDIAL DESIGN (RD)**6.1 Correspondence**

- 12336* 4 Letter from Timothy Fields, Jr., Acting Deputy Assistant Administrator, U.S. EPA, to Phillip J. Shepherd, Commonwealth of Kentucky. (May 03, 1994) Requesting support from the Commonwealth of Kentucky for U.S. EPA Headquarters Remedial Design Acceleration Pilot Project.

6.2 Sampling and Analysis Data

- 12339* 1 Facsimile from Chris Szluha, Roy F. Weston, Inc., to Doug Bell, EPA Region IV. (April 21, 1994) Concerning oversight of sampling activities from November 3 through December 21, 1993.
- 12341* 2 Facsimile from Miranda Menzies, Dames & Moore, Inc., to Doug Bell, EPA Region IV. (June 14, 1994) Concerning Bench Testing.
- 12343* 3 Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (October 17, 1994) Concerning decontamination procedures for installation of pump and treat system extraction wells.
- 12345* 4 Facsimile from Rita Bauer, Dames & Moore, to Doug Bell, EPA Region IV. (October 18, 1994) Concerning change in field schedule.
- 12346* 5 Facsimile from Rita Bauer, Dames & Moore, to Doug Bell, EPA Region IV. (November 15, 1994) Sampling list for current field activities.
- 12348* 6 Letter from Brent Zern, Roy F. Weston, Inc., to Doug Bell, EPA Region IV. (November 18, 1994) Sampling Oversight Activity Weekly Report, from November 7 through 11, 1994.
- 12349* 7 Letter from Brent Zern, Roy F. Weston, Inc., to Doug Bell, EPA Region IV. (December 09, 1994) Transmitting Extraction Well Installation Oversight Report for November 29 & 30, 1994.
- 12351* 8 Letter from Brent Zern, Roy F. Weston, Inc., to Doug Bell, EPA Region IV. (December 12, 1994) Transmitting Extraction Well Installation Oversight Report for December 6 & 7, 1994.
- 12352* 9 Letter from Brent Zern, Roy F. Weston, Inc., to Doug Bell, EPA Region IV. (December 12, 1994) Sampling Oversight Activity Weekly Report, from November 14 through 22, 1994.
- 12354* 10 Letter from Brent Zern, Roy F. Weston, Inc., to Doug Bell, EPA Region IV. (December 16, 1994) Transmitting Extraction Well Installation Oversight Report for December 13 and 14, 1994.

6.3 Scopes of Work

- 10092344* 1 "Statement of Work for the Remedial Design and Remedial Action at the National Southwire Aluminum Company Superfund Site, Hawesville, Hancock County, Kentucky," EPA Region IV. (DATE UNKNOWN)

6.4 Work Plans and Progress Reports

- 12355* 1 Letter from Doug Bell, EPA Region IV, to Ali Alavi, Clean Sites, Inc. (January 18, 1994) Commenting on the Draft Work Plan for the Remedial Design Acceleration Pilot Project.
- 12356* 2 "Remedial Design Acceleration Pilot Project Workplan, National Southwire Aluminum Site," prepared by Clean Sites, Inc. (March 1994)
- 12358* 3 Letter from Doug Bell, EPA Region IV, to Ali Alavi, Clean Sites, Inc. (March 15, 1994) Approves Work Plan for the Remedial Design Acceleration Pilot Project.
- 12360* 4 Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (June 23, 1994) Transmitting EPA comments on the Draft Work Plan for the Accelerated Remedial Design Pilot Project.
- 12361* 5 Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (July 27, 1994) Approving Work Plan for the Accelerated Remedial Design Pilot Project.

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6.0 REMEDIAL DESIGN (RD)**6.4 Work Plans and Progress Reports**

- 12363* 6 . "Remedial Design Workplan and Preliminary Remedial Action Workplan for Interim Remedial Action," prepared by Dames & Moore. (July 29, 1994)
- 12364* 7 . Letter from Doug Bell, EPA Region IV, to Brent Zern, Roy F. Weston. (October 03, 1994) Comments on September 21-22, 1994 Weston Site Visit Report.

6.8 Remedial Design Documents

- 12366* 1 . Supplemental Design Specifications (no cover page): Plant Engineering Construction Contracts and/or Services Bid Package Specifications. (July 21, 1994)
- 12367* 2 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (July 22, 1994) Design Submittals I and II for RD Workplan (revised).
- 12368* 3 . Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (August 03, 1994) Approving Design Submittal 1.
- 12370* 4 . Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (August 04, 1994) Approving Design Submittal 2.
- 12371* 5 . Letter from Brent M. Zern, Roy F. Weston, to Steve Campbell, NSA. (August 12, 1994) Commenting on Design Submittals 1 and 2. Includes interoffice memorandum from Al Ekelmans, to Brent Zern.
- 12376* 6 . Memorandum from Doug Bell, EPA Region IV, to Robert Jourdan, EPA Region IV. (August 22, 1994) Concerning approval of Design Submittals 1 and 2.
- 12378* 7 . Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (September 08, 1994) Tentative approval of Design Submittal 3.
- 12380* 8 . Letter from Brent Zern, Roy F. Weston, to Doug Bell, EPA Region IV. (October 11, 1994) Commenting on revised Design Submittal 4, and draft Design Submittal 5.
- 12381* 9 . Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (October 26, 1994) Approving Design Submittal 4.
- 12387* 10 . Letter from Brent Zern, Roy F. Weston, to Doug Bell, EPA Region IV. (December 05, 1994) Commenting on Supplemental Design Specifications.
- 12388* 11 . Letter from Doug Bell, EPA Region IV, to Win Hill, NSA. (December 12, 1994) Approving Design Submittal 5.
- 12391* 12 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (December 28, 1994) Submitting final Supplementary Design Specifications.
- 12393* 13 . "Interim Remedial Action Ground Water Pumping and Treatment System, Remedial Design, Final, Volume I," prepared by Dames & Moore for NSA. (December 30, 1994)
- 12394* 14 . "Interim Remedial Action Ground Water Pumping and Treatment System, Remedial Design, Final, Volume II," prepared by Dames & Moore for NSA. (December 30, 1994)
- 12396* 15 . "Interim Remedial Action Supplementary Design Specifications Submittal, Volume I," prepared by Dames & Moore for NSA. (December 30, 1994)
- 15201* 16 . "Interim Remedial Action Supplementary Design Specifications Submittal, Volume II," prepared by Dames & Moore for NSA. (December 30, 1994)
- 12398* 17 . "Interim Remedial Action Supplementary Design Specifications Submittal, Volume III," prepared by Dames & Moore for NSA. (December 30, 1994)

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6.0 REMEDIAL DESIGN (RD)**6.8 Remedial Design Documents**

- 12399* 18 . "Interim Remedial Action Supplementary Design Specifications Submittal, Volume IV," prepared by Dames & Moore for NSA. (December 30, 1994)
- 12400* 19 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV, transmitting 8 1/2 x 11 version of Remedial Design Compendium Report for the Interim Remedial Action dated 12/30/94 (attached). Letter is misdated 1/17/94. (January 17, 1995)

7.0 REMEDIAL ACTION (RA)**7.4 Work Plans and Progress Reports**

- 12401* 1 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (April 18, 1994) Transmitting Draft Schedule and Work Plan Outline for IRA fast tracking.
- 12403* 2 . Cross Reference: "Remedial Design Workplan and Preliminary Remedial Action Workplan for Interim Remedial Action," prepared by Dames & Moore. (July 29, 1994) [Filed and cited in Entry Number 6 of 6.4 REMEDIAL DESIGN (RD) - Work Plans and Progress Reports]
- 12404* 3 . Letter from Brent Zern, Roy F. Weston, Inc., to Doug Bell, EPA Region IV. (October 07, 1994) Oversight report of Construction Activity, September 21 and 22, 1994.

10.0 ENFORCEMENT**10.1 Correspondence**

- 10092345* 1 . Email from Antonio DeAngelo, EPA Region IV to Eric Liebenauer, Commonwealth of Kentucky, Natural Resources and Environmental Protection Cabinet. Regarding the issuance of the Special Notice Letter to begin Remedial Design/Remedial Action negotiations. (July 11, 2000)
- 10092346* 2 . Letter from M. Lee Turpin, Commonwealth of Kentucky, Natural Resources and Environmental Protection Cabinet to Antonio DeAngelo, Jr., EPA Region IV. Giving notice of desire to participate in the upcoming negotiations to determine the scope of work at the National Southwire Aluminum Company Site. (August 07, 2000)
- 10092347* 3 . Letter from Win Hill, Southwire Company to Stedman S. Southall, EPA Region IV. Providing notice that Southwire wishes to participate in negotiations regarding the performance and financing of the Remedial Action/Remedial Design. (August 07, 2000)
- 10092348* 4 . Letter from Win Hill, Southwire Company to Stedman S. Southall, EPA Region IV. Providing an additional change that Southwire is proposing for the Consent Decree for the RD/RA. (August 10, 2000)
- 10092349* 5 . Memorandum from Tony DeAngelo, Region IV to NSA (National Southwire Aluminum) Site File. Notification of USEPA Region 4 RPM of oil spill in Green Carbon area. (September 06, 2000)
- 10092350* 6 . Letter from Win Hill, Southwire Company to Stedman S. Southall, EPA Region IV. Submitting a "Good Faith Offer" to conduct the Remedial Design/Remedial Action (RD/RA) at the site. (September 14, 2000)
- 10092351* 7 . Letter from Win Hill, Southwire Company to Antonio M. DeAngelo, EPA Region IV. Regarding Southwire's proposal for financial assurance under Section XIII of the draft RD/RA Consent Decree. (September 22, 2000)
- 10092352* 8 . Letter from Virginia M. Baker, Commonwealth of Kentucky, Natural Resources and Environmental Protection Cabinet to Stedman Southall, EPA Region IV. Follow-up to the telephone conference held on May 22, 2002 regarding remediation negotiations. (May 30, 2002)

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10.0 ENFORCEMENT**10.6 State and Local Enforcement Records**

- 10092353* 1 . Letter from Win Hill, Southwire Company to Eric Liebenauer, Commonwealth of Kentucky, Natural Resources and Environmental Protection Cabinet (with attachment). Regarding the conceptual alternative remedial and monitoring measures. (October 23, 2000)
- 10092354* 2 . Letter from Jack C. Bender, Greenebaum, Doll & McDonald to Virginia Baker, Commonwealth of Kentucky, Natural Resources and Environmental Protection Cabinet (with attachment). Transmitting a draft of an Agreed Order between Southwire Company ("Southwire") and the Cabinet for resolving the Cabinet's objections to U.S. EPA's Record of Decision for the National Southwire Aluminum NPL Superfund Site. (January 30, 2003)

10.10 PRP-Specific Negotiations

- 10092355* 1 . Letter from Stedman S. Southall, EPA Region IV to Addressees. Regarding bringing negotiations to the National Southwire Aluminum Site into clear focus. (May 03, 2002)

10.11 EPA Administrative Orders

- 12418* 1 . Letter from Douglas Bell, EPA Region IV, to Win Hill, NSA. (March 06, 1992) Concerning transmittal of Model RI/FS Statement of Work and Model Administrative Order by Consent.
- 12419* 2 . Letter from Win Hill, NSA, to Douglas Bell, EPA Region IV. (March 25, 1992) Concerning receipt of Model Administrative Order by Consent.
- 12421* 3 . Letter from Douglas Bell, EPA Region IV, to Jack Bender, Greenebaum, Doll & McDonald, counsel for NSA. (September 24, 1992) Concerning transmittal of Administrative Order by Consent.
- 12423* 4 . Letter from Win Hill, NSA, to Melissa Heath, EPA Region IV. (September 30, 1992) Concerning transmittal of signature page to the Administrative Order by Consent.
- 12425* 5 . "Administrative Order by Consent for Remedial Investigation/ Feasibility Study IN THE MATTER OF: National-Southwire Aluminum Company Site; NSA, a Division of Southwire Company, Hawesville, Kentucky, Respondent; EPA Docket No.: 92-45-C". (October 02, 1992)
- 12426* 6 . "Administrative Order on Consent for Removal Action, IN THE MATTER OF: National Southwire Aluminum Company Site, Hawesville, Hancock County Kentucky, NSA, a Division of Southwire, Respondent; U.S. EPA Region IV CERCLA Docket No. 96-01-C". (October 16, 1995)

10.12 EPA Consent Decrees

- 10092356* 1 . Consent Decree, United States of America, Plaintiff, v. NSA, Division of Southwire Company, Defendant, Civil Action No. C-93-0159-O (C). (November 30, 1993)
- 10092357* 2 . Order, United States of America, Plaintiff, v. NSA, Division of Southwire Company, Defendant, Civil No. C93-00159-O (CS). (April 19, 1994)
- 10092358* 3 . Letter from Win Hill, Southwire Company to Antonio DeAngelo, EPA Region IV. Regarding RD/RA Negotiations. (August 15, 2000)
- 10092359* 4 . Letter from Jack C. Bender, Greenbaum, Doll & McDonald, PLLC to Win Hill, Southwire Company. Regarding Consent Decree comments. (January 24, 2002)
- 10092360* 5 . Letter from Stedman S. Southall, EPA Region IV to Elizabeth Kroop, U. S. Department of Justice (with attachments). Relating the results of the EPA/Commonwealth/Southwire meeting on February 13, 2002; and, the Region's proposed plan for entry of the Consent Decree. (February 22, 2002)

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10.0 ENFORCEMENT**10.12 EPA Consent Decrees**

- 10092361* 6 . Letter from Win Hill, Southwire Company to Fazi Sherkat, Commonwealth of Kentucky, Natural Resources and Environmental Protection Cabinet. Regarding alternative Remedial Action and Monitoring Measures. (March 08, 2002)
- 10092362* 7 . Order, United States of America, Plaintiff, v. Southwire Company, Defendant, Civil Action Number: 4:01CV-182-M. (March 26, 2003)
- 10092363* 8 . Kentucky Natural Resources and Environmental Protection Cabinet's Answer and Counterclaim, United States of America, Plaintiff v. Southwire Company, Defendant, Civil Action No. 4:01CV-182-M (with attachments). (April 14, 2003)
- 10092364* 9 . Response of the United States of America in Opposition to the Commonwealth of Kentucky's Motion to Intervene as Defendant and Filing of the Kentucky Natural Resources and Environmental Protection Cabinet's Answer and Counterclaim, United States of America, Plaintiff v. Southwire Company, Defendant, Civil Action Number: 4:01CV-182-M. (April 28, 2003)
- 10092365* 10 . Letter from Virginia M. Baker, Commonwealth of Kentucky, Natural Resources and Environmental Protection Cabinet to Patty May, US District Court, Western District of Kentucky (with attachment). Transmitting copies of the Commonwealth of Kentucky, Natural Resources and Environmental Protection Cabinet's Reply to the United States of America's Response in Opposition to the Commonwealth of Kentucky's Motion to Intervene as Defendant. (May 07, 2003)
- 10092366* 11 . Order, United States of America, Plaintiff, v. Southwire Company, Defendant, Civil Action Number: 4:01CV-182-M. (May 20, 2003)
- 10092367* 12 . Findings of Fact, Conclusion of Law and Recommendation, United States of America, Plaintiff, v. Southwire Company, Defendant, Civil Action Number: 4:01CV-182-M. (May 21, 2003)
- 10092368* 13 . Response of the United States to the May 21, 2003 Finding of Fact Conclusion of Law and Recommendation, United States of America, Plaintiff v. Southwire Company, Defendant, Civil Action Number: 4:01CV-182-M. (May 30, 2003)
- 10092369* 14 . Joint Status Report, United States of America, Plaintiff, v. Southwire Company, Defendant, Civil Action Number: 4:01CV-182-M. (June 12, 2003)

10.15 Trial Documents

- 10092370* 1 . Letter from Virginia M. Baker, Commonwealth of Kentucky, Natural Resources and Environmental Protection Cabinet to Patty May, U.S. District Court, Western District of Kentucky (with attachments). Transmitting copies of A Motion to Intervene, A Memorandum in Support of the Motion to Intervene, A Proposed Order and Complaint of a Third Party Defendant, to be filed. (April 11, 2003)

11.0 POTENTIALLY RESPONSIBLE PARTIES (PRP)**11.9 PRP-Specific Correspondence**

- 12428* 1 . Letter from Richard Stonebraker, EPA Region IV, to Gary Satterwhite, National-Southwire Aluminum Company. (February 16, 1990) Concerning notice of noncompliance with PCB regulations under Toxic Substances Control Act (TSCA).
- 12430* 2 . Letter from Win Hill, National-Southwire Aluminum Company, to Richard Stonebraker, EPA Region IV. (March 15, 1990) Concerning response to notice of noncompliance dated February 16, 1990.
- 12432* 3 . Letter from Joseph Franzmathes, EPA Region IV, to Win Hill, NSA. (July 01, 1992) Concerning notification of Potentially Responsible Party (PRP) status.

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11.0 POTENTIALLY RESPONSIBLE PARTIES (PRP)

11.9 PRP-Specific Correspondence

- 12434* 4 . Letter from Douglas Bell, EPA Region IV, to Win Hill, NSA. (July 07, 1992) Concerning extension of notice letter response date.
- 12439* 5 . Letter from Douglas Bell, EPA Region IV, to Eric Liebenauer, Kentucky Natural Resources and Environmental Protection Cabinet. (July 09, 1992) Concerning transmittal of notice letter dated July 1, 1992, to NSA.

13.0 COMMUNITY RELATIONS

13.1 Correspondence

- 12442* 1 . Letter from Tom Fitzgerald, Kentucky Resources Council, to Joseph Franzmathes, EPA Region IV. (October 09, 1992) Concerning request to receive materials pertaining to National Southwire Aluminum site.

13.6 Community Relations Plans

- 12443* 1 . "Community Relations Plan: National Southwire Aluminum Company Superfund Site; Hawesville, Kentucky," Roy F. Weston, Inc. (February 1993)

13.7 News Clippings and Press Releases

- 61139* 1 . "U.S. Environmental Protection Agency, Region 4 Proposed Plan Public Comment Period Begins for the National Southwire Aluminum Superfund Site Hawesville, Hancock County, Kentucky," Evansville Courier & Press. (July 21, 1999)
- 61150* 2 . "U.S. Environmental Protection Agency, Region 4 Proposed Plan Public Comment Period Begins for the National Southwire Aluminum Superfund Site Hawesville, Hancock County, Kentucky," Messenger-Inquirer. (July 22, 1999)
- 10092371* 3 . "Decision Made," Messenger Inquirer. (2000)
- 10092372* 4 . "EPA Toxics Study Will Replace PCB Cleanup Guide Repealed By Court," Superfund Report via InsideEPA.com. (May 27, 2002)
- 10092373* 5 . "Proposed brownfield rules dropped," The Courier-Journal. (January 15, 2003)

13.8 Public Meetings

- 12446* 1 . "U. S. Environmental Protection Agency: RE: National Southwire Aluminum Company Superfund Site, Hancock County, Kentucky," EPA Region IV. (January 19, 1993) Concerning public meeting to present the proposed Interim Remedial Measures (IRM).
- 61568* 2 . Cross Reference: "Transcript, National Southwire Aluminum Proposed Plan Public Meeting, Final Record of Decision," EPA Region IV. [This document is Appendix A of the Record of Decision, Entry No. 6 of 5.9, RECORD OF DECISION (ROD) - Record of Decision (ROD)]. (July 28, 1999)

13.9 Fact Sheets

- 12458* 1 . Cross Reference: "U.S. Environmental Protection Agency, Explanation of Significant Differences, National Southwire Aluminum Company Superfund Site, Hawesville, Kentucky. (July 1994) [Filed and cited in Entry Number 4 of 5.9 RECORD OF DECISION (ROD) - Record of Decision (ROD)]

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13.0 COMMUNITY RELATIONS**13.9 Fact Sheets**

- 12461* 2 . Cross Reference: Letter from Doug Bell, EPA Region IV, to recipient(s). (July 26, 1994) Transmitting ESD Fact Sheet dated July 1994. [Filed and cited in Entry Number 5 of 5.9 RECORD OF DECISION (ROD) - Record of Decision (ROD)]
- 12463* 3 . Cross Reference: "U.S. EPA Issues Proposed Plan for Disposal Pond Closure, National Southwire Aluminum Site, Hawesville, Hancock County, Kentucky," prepared by U.S. EPA Region IV. (February 1995) [Filed and cited in Entry Number 2 of 2.8 REMOVAL RESPONSE - Removal Response Reports]
- 61567* 4 . Cross Reference: "Proposed Plan Fact Sheet for the Final Record of Decision, National Southwire Aluminum Site, Hawesville, Hancock County, Kentucky," EPA Region 4. (July 19, 1999) [Filed and cited in Entry Number 1 of 4.10 FEASIBILITY STUDY (FS) - Proposed Plans for Selected Remedial Action]

16.0 NATURAL RESOURCE TRUSTEE**16.1 Correspondence**

- 12466* 1 . Letter from Richard Hannan, Kentucky State Nature Preserves Commission, to D. Snyder, NUS Corporation. (January 24, 1990) Concerning response to request for environmental review.
- 12468* 2 . Letter from Michelle Martin, Indiana Department of Natural Resources, to Leslie Meador, NUS Corporation. (April 11, 1990) Concerning response to request for information on rare species.
- 12470* 3 . Letter from Robert Jourdan, EPA Region IV, to James Lee, US Department of the Interior. (January 03, 1993) Concerning notification of potential damages to natural resources, issuance of Proposed Plan Fact Sheet for the Interim Remedial Measures Record of Decision (ROD), and invitation to participate in negotiations with the Potentially Responsible Party.
- 12472* 4 . Letter from Robert Jourdan, EPA Region IV, to Phillip Shepherd, Kentucky Natural Resources and Environmental Protection Cabinet. (January 03, 1993) Concerning notification of potential damages to natural resources, issuance of Proposed Plan Fact Sheet for the Interim Remedial Measures Record of Decision (ROD), and invitation to participate in negotiations with the Potentially Responsible Party.
- 12473* 5 . Letter from Robert Jourdan, EPA Region IV, to Lee Barclay, US Fish and Wildlife Service. (January 03, 1993) Concerning notification of potential damages to natural resources, issuance of Proposed Plan Fact Sheet for the Interim Remedial Measures Record of Decision (ROD), and invitation to participate in negotiations with the Potentially Responsible Party.
- 12474* 6 . Letter from Rick Hogan, Commonwealth of Kentucky, to Harold Taylor, U.S. EPA Region IV. (June 23, 1994) Complimenting the work of Doug Bell.

16.5 Technical Issue Papers

- 12475* 1 . Letter from Jonathan P. Deason, U. S. Department of the Interior, to Narindar Kumar, EPA Region IV. (September 30, 1992) Concerning Preliminary Natural Resources Survey.

17.0 SITE MANAGEMENT RECORDS**17.7 Reference Documents**

- 12477* 1 . "Administrative Record Index for the National Southwire Aluminum Co NPL Site," prepared by U.S. EPA Region IV. (February 1995)

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17.0 SITE MANAGEMENT RECORDS**17.8 State and Local Technical Records**

- 12478 1 . Cross-Reference: "Monitoring Data 1986-1991; National Southwire Aluminum Company; Hawesville, Kentucky," Kenviron, appears as Appendix G to "Report: Current Conditions". (DATE UNKNOWN) [Filed and cited as entry number 1 in 18.8 Interim Remedial Measures (IRM) Reports].
- 12480 2 . Cross-Reference: "Hydrogeologic Assessment of the Disposal Ponds at the National-Southwire Aluminum Company; Hawesville, Kentucky Plant," Environmental Resources Management, Inc., appears as Appendix A to "Report: Current Conditions". (February 05, 1980) [Filed and cited as entry number 1 in 18.8 Interim Remedial Measures (IRM) Reports].
- 12482 3 . Cross-Reference: "Monitoring Wells at Tailings Ponds; National Southwire Aluminum Company, Hawesville, Kentucky," Greenbaum and Associates, Inc., appears as Appendix B to "Report: Current Conditions". (May 19, 1980) [Filed and cited as entry number 1 in 18.8 Interim Remedial Measures (IRM) Reports].
- 12484 4 . Cross-Reference: "Preliminary Hydrogeologic Assessment; North and South Pond Area; National Southwire Aluminum Company; Hancock County, Kentucky," Fuller, Mossbarger, Scott & May, appears as Appendix D to "Report: Current Conditions". (December 1986) [Filed and cited as entry number 1 in 18.8 Interim Remedial Measures (IRM) Reports].
- 12485 5 . "Toxic Substances Control Act Notice of Inspection," Susan Taylor, Kentucky Department for Environmental Protection. (August 04, 1989) Concerning Toxic Substances Control Act (TSCA) Section 6e PCB Site Inspection Report.
- 12487 6 . Letter from Kenneth Sands, National-Southwire Aluminum Company, to Susan Taylor, Kentucky Department for Environmental Protection. (August 08, 1989) Concerning transmittal of attached documentation required for TSCA Inspection Report dated August 4, 1989.
- 12489 7 . "Addendum: TSCA Section 6 PCB Inspection Report; National Southwire Aluminum Company," Susan Taylor, Kentucky Department for Environmental Protection. (November 30, 1989) Concerning receipt of attached requested manifests to supplement the TSCA Inspection Report dated August 4, 1989.
- 12490 8 . Cross-Reference: "Project No. 132.06; Prepared for: Southwire, Inc.; Draft; National Southwire Aluminum; Haw[e]sville, Kentucky," The CWA Group, Inc., appears as Appendix E to "Report: Current Conditions". (October 08, 1990) Concerning assessment of hydrogeologic conditions regarding cyanide contamination. [Filed and cited as entry number 1 in 18.8 Interim Remedial Measures (IRM) Reports].
- 12491 9 . "Toxic Substances Control Act Notice of Inspection," Cecile Thomas, Kentucky Department for Environmental Protection. (April 13, 1992) Concerning Toxic Substances Control Act (TSCA) Section 6e PCB Site Inspection Report.
- 12492 10 . "Draft Final: Proposed Ground Water Pumping and Treatment System Information; NSA a Division of Southwire Company; Hawesville, Kentucky," Dames & Moore. (December 22, 1992)
- 12493 11 . "Draft Final: Ground Water Data; 1992 Ground Water Investigation; NSA a Division of Southwire Company; Hawesville, Kentucky," Dames & Moore. (December 22, 1992)

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18.0 INITIAL REMEDIAL MEASURE (IRM) RECORDS

18.1 Correspondence

- 12494 1 . Cross Reference: "Toxic Substances Control Act Notice of Inspection," Susan Taylor, Kentucky Department for Environmental Protection. (August 04, 1989) Concerning Toxic Substances Control Act (TSCA) Section 6e PCB Site Inspection Report. [Filed and cited in Entry Number 5 of 17. 8 SITE MANAGEMENT RECORDS - State and Local Technical Records]
- 12495 2 . Letter from Win Hill, NSA, to Connie Landers, EPA Region IV. (March 20, 1992) Concerning report on cleanup of PCB contamination discovered in foundation excavation, as required by the Toxic Substances Control Act (TSCA).
- 12496 3 . Cross Reference: "Toxic Substances Control Act Notice of Inspection," Cecile Thomas, Kentucky Department for Environmental Protection. (April 13, 1992) Concerning Toxic Substances Control Act (TSCA) Section 6e PCB Site Inspection Report. [Filed and cited in Entry Number 9 of 17. 8 SITE MANAGEMENT RECORDS - State and Local Technical Records]
- 12499 4 . Cross Reference: Letter from Win Hill, NSA, to Douglas Bell, EPA Region IV. (October 08, 1992) Concerning selection of supervising contractor and setting of deliverable due dates. [Filed and cited in Entry Number 2 of 3. 1 REMEDIAL INVESTIGATION (RI) - Correspondence]
- 12500 5 . Cross Reference: Letter from Douglas Bell, EPA Region IV, to Win Hill, NSA. (October 13, 1992) Concerning approval of supervising contractor for Remedial Investigation/Feasibility Study (RI/FS). [Filed and cited in Entry Number 3 of 3. 1 REMEDIAL INVESTIGATION (RI) - Correspondence]
- 12501 6 . Letter from Michael McPhee, Unocal Corporation, to Win Hill, Southwire Company. (February 05, 1993) Concerning request that drawings illustrating the UNIPURE Process Technology be held as confidential by the US EPA.
- 12503 7 . Letter from Douglas Bell, EPA Region IV, to Win Hill, NSA, Inc. (February 10, 1993) Concerning assurance that drawings released in the Administrative Record are not those to be held as confidential by the US EPA.
- 12509 8 . Facsimile from Bob Thompson, NSA, to Doug Bell, EPA Region IV. (October 18, 1994) Concerning the non-confidentiality of design drawings from Unocal, and their releasability. Includes letters from 10/17/94 (Unocal), and 2/5/93 (Unocal).

18.2 Sampling and Analysis Data

- 12514 1 . Verified Sampling Data, Chain of Custody Forms and Quality Assurance and Quality Control Documents related to Verified Sampling Data are currently located at EPA Region IV Environmental Services Division, Athens, Georgia. Such documentation will be made available for review upon request sent to the Remedial Project Manager for the National Southwire Aluminum Proposed Superfund Site, Region IV, U.S. EPA, 345 Courtland Street, Atlanta, Georgia 30365. (DATE UNKNOWN)
- 12516 2 . Letter from Win Hill, NSA, to Connie Landers, EPA Region IV. (June 01, 1992) Concerning transmittal of attached "Analytical Report; NSA," Wadsworth/Alert Laboratories, containing sampling results for PCB-contaminated soil stockpile area.
- 12520 3 . Memorandum from Bruce Ferguson, EPA Region IV Environmental Services Division, Athens, Georgia, to Douglas Bell, EPA Region IV. (June 18, 1992) Concerning field sampling overview of Dames & Moore and split sampling conducted May 13, 1992.
- 12522 4 . Letter from Rick Hogan, Kentucky Natural Resources and Environmental Protection Cabinet, to Win Hill, NSA. (June 19, 1992) Concerning review of PCB data contained in "Analytical Report" transmitted to EPA Region IV on June 1, 1992.

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18.0 INITIAL REMEDIAL MEASURE (IRM) RECORDS

18.2 Sampling and Analysis Data

- 12525* 5 . Memorandum from Bruce Ferguson, EPA Region IV Environmental Services Division, Athens, Georgia, to Douglas Bell, EPA Region IV. (August 14, 1992) Concerning field sampling overview of Dames & Moore and split sampling conducted July 28 and 29, 1992.
- 12527* 6 . Memorandum from Bruce Ferguson, EPA Region IV Environmental Services Division, Athens, Georgia, to Douglas Bell, EPA Region IV. (September 09, 1992) Concerning transmittal of data for metals and cyanide from ground water sampling conducted July 28 and 29, 1992.
- 12530* 7 . Letter from E. Miranda Menzies and Stuart Edwards, Dames & Moore, to Wade Knight, EPA Region IV Environmental Services Division, Athens, Georgia. (October 01, 1992) Concerning transmittal of results for cyanide of ground water sampling conducted May and July 1992.
- 12531* 8 . Memorandum from Gary Bennett, EPA Region IV Environmental Services Division, Athens, Georgia, to Douglas Bell, EPA Region IV. (October 20, 1992) Concerning evaluation of split sample data on metals and cyanide.
- 12534* 9 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (October 06, 1994) Notification of Sampling; Extraction Wells Pilot Holes during the week of 10/17/94.

18.4 Work Plans and Progress Reports

- 12535* 1 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (March 03, 1994) Monthly Progress Report No. 1, IRA, covers February 1994.
- 12536* 2 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (April 04, 1994) Monthly Progress Report No. 2, IRA, covers March 1994.
- 12538* 3 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (May 05, 1994) Monthly Progress Report No. 3, IRA, covers April 1994.
- 12541* 4 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (July 07, 1994) Monthly Progress Report No. 5, IRA, covers June 1994. Includes Preliminary Results of Benchscale Testing.
- 12544* 5 . Cross-Reference: "Remedial Design Workplan and Preliminary Remedial Action Workplan for Interim Remedial Action," prepared by Dames & Moore. (July 29, 1994) [Filed and cited as entry no. 6 in 6.4 REMEDIAL DESIGN (RD) - Work Plans and Progress Reports].
- 12545* 6 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (August 05, 1994) Monthly Progress Report No. 6, IRA, covers July 1994.
- 12546* 7 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (September 02, 1994) Monthly Progress Report No. 7, IRA, covers August 1994.
- 12593* 8 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (October 05, 1994) Monthly Progress Report No. 8, IRA, covers September 1994. Includes IRA Groundwater Treatment Plant Drawing Revision Log.
- 12594* 9 . Letter from E. Miranda Menzies, Dames & Moore, to Doug Bell, EPA Region IV. (December 05, 1994) Monthly Progress Report No. 10, IRA, covers November 1994. Includes IRA Groundwater Treatment Plan Drawing Revision Log, and sampling correspondence from subcontractors (Bingham Drilling Co., Wheelabrator Engineered Systems Inc (Sand Analysis Report).

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18.0 INITIAL REMEDIAL MEASURE (IRM) RECORDS**18.7 Operations and Maintenance Records**

- 12595* 1 . Letter from Kenneth Sands, NSA, to Dave Wersan, Office of Solid and Hazardous Waste Management, Indiana Department of Environmental Management. (November 16, 1994) Notification of Intent to Ship Waste Materials to Out-of-State Waste Management Facilities.

18.8 Initial Remedial Measure (IRM) Reports

- 12597* 1 . "Report: Current Conditions; National Southwire Aluminum Facility; Hawesville, Kentucky," Dames & Moore. (August 17, 1992) Concerning summary of documentation indicating a need for Interim Remedial Measures (IRM).
- 12601* 2 . Cross Reference: "U. S. Environmental Protection Agency: RE: National Southwire Aluminum Company Superfund Site, Hancock County, Kentucky," EPA Region IV. (January 19, 1993) Concerning public meeting to present the proposed Interim Remedial Measures (IRM). [Filed and cited in Entry Number 1 of 13. 8 COMMUNITY RELATIONS - Public Meetings]
- 12605* 3 . Cross Reference: "National Southwire Aluminum Company Superfund Site: Record of Decision," EPA Region IV. (February 19, 1993) Concerning Record of Decision (ROD) for the Interim Remedial Measures (IRM). [Filed and cited in Entry Number 3 of 5. 9 RECORD OF DECISION (ROD) - Record of Decision (ROD)]